Appendix S1

Table S1: Description of the study populations. The colum “*Pa*” indicates if *P. alcon* is present (1) or absent (0). The columns “Mean n eggs” and “Prop. attacked” indicate, respectively, the mean number of eggs per plant and the proportion of plants attacked, in each population where the predator is present. X and Y coordinates are given for the centroid of the population in Swedish grid (RT 90) coordinate system.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Pop. ID | County | Population name | Habitat type | *Pa* | Mean n eggs | |  | Prop. attacked | | X | Y | Area (Ha) |
| 2010 | 2011 |  | 2010 | 2011 |
| A | Ale | Bockemossen | Bog | 1 | 0.51 | 2.17 |  | 0.19 | 0.46 | 1277444 | 6420758 | 10.16 |
| B | Göteborg | Högsjön, Vättlefjäll, pop. 1 | Lake shore | 1 | 0.32 | 1.88 |  | 0.15 | 0.51 | 1284183 | 6418711 | 0.20 |
| C | Göteborg | Högsjön, Vättlefjäll, pop. 2 | Lake shore | 1 | 0.02 | 0.92 |  | 0.01 | 0.33 | 1283548 | 6418770 | 0.20 |
| D | Göteborg | Orremossen, Vättlefjäll | Bog | 1 | 0.27 | 0.32 |  | 0.09 | 0.12 | 1278600 | 6416407 | 10.30 |
| E | Herrljunga | Remmene skjutfält, pop. 1 | Bog | 1 | 0.94 | 2.16 |  | 0.35 | 0.44 | 1332333 | 6439185 | 0.90 |
| F | Herrljunga | Remmene skjutfält, pop. 2 | Bog | 1 | 2.68 | 3.32 |  | 0.46 | 0.47 | 1332388 | 6438949 | 0.95 |
| G | Herrljunga | Remmene skjutfält, pop. 3 | Bog | 1 | 0.87 | 1.72 |  | 0.27 | 0.31 | 1332460 | 6439135 | 0.49 |
| H | Lerum | Vite mosse | Bog | 1 | 3.22 | 5.4 |  | 0.61 | 0.58 | 1286925 | 6421701 | 2.71 |
| I | Partille | Maderna-Haketjärn | Lake shore, bog | 1 | 4.6 | 12.47 |  | 0.64 | 0.61 | 1282891 | 6404125 | 5.80 |
| J | Vårgårda | Lida | Pasture | 1 | 3.99 | 7.7 |  | 0.57 | 0.67 | 1322251 | 6423501 | 0.92 |
| K | Vårgårda | Tånga hed | Pasture | 1 | 1.18 | 3.24 |  | 0.34 | 0.45 | 1324202 | 6437602 | 5.35 |
| L | Ale | Stora Kroksjön | Lake shore | 0 | - | - |  | - | - | 1291750 | 6432023 | 0.68 |
| M | Borås | Näsudden i Frisjön | Lake shore | 0 | - | - |  | - | - | 1328934 | 6388474 | 0.07 |
| N | Mark | Härsnäs, Härsjön | Lake shore | 0 | - | - |  | - | - | 1300990 | 6387807 | 0.02 |
| O | Svenljunga | Hjortås | Lake shore, meadow | 0 | - | - |  | - | - | 1335103 | 6348447 | 0.13 |
| P | Svenljunga | Tovhult, Kalvsjön | Lake shore, meadow | 0 | - | - |  | - | - | 1333221 | 6344766 | 0.43 |
| Q | Svenljunga | Kalv Camping | Lake shore | 0 | - | - |  | - | - | 1334890 | 6349681 | 0.01 |
| R | Svenljunga | Olshult | Lake shore, meadow | 0 | - | - |  | - | - | 1342387 | 6395122 | 0.65 |
| S | Tranemo | Blåbo, Marjebosjön | Lake shore | 0 | - | - |  | - | - | 1361234 | 6371331 | 2.51 |
| T | Tranemo | Algutstorpasjön | Lake shore | 0 | - | - |  | - | - | 1357106 | 6379112 | 0.13 |